APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/314,123	05/19/1999	NOBUAKI MIYAHARA	35.G2391	4726

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EXAMINER
TRAN, DOUGLAS Q

ART UNIT	PAPER NUMBER
2624	

DATE MAILED: 09/24/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
 after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
 earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐   Responsive to communication(s) filed on <u>*01 July 0803*</u> .

2a)☒   This action is **FINAL.**   2b)☐   This action is non-final.

3)☐   Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
      closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒   Claim(s) <u>*1-15*</u> is/are pending in the application.

      4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☒   Claim(s) <u>*1-5*</u> is/are allowed.

6)☒   Claim(s) <u>*6-15*</u> is/are rejected.

7)☐   Claim(s) _____ is/are objected to.

8)☐   Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐   The specification is objected to by the Examiner.

10)☐   The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

      Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐   The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

      If approved, corrected drawings are required in reply to this Office action.

12)☐   The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐   Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

      a)☐ All b)☐ Some * c)☐ None of:

         1.☐ Certified copies of the priority documents have been received.

         2.☐ Certified copies of the priority documents have been received in Application No. _____ .

         3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
            application from the International Bureau (PCT Rule 17.2(a)).
      * See the attached detailed Office action for a list of the certified copies not received.

14)☐   Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

      a) ☐ The translation of the foreign language provisional application has been received.

15)☐   Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)   4)☐ Interview Summary (PTO-413) Paper No(s). _____ .
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)   5)☐ Notice of Informal Patent Application (PTO-152)
3)☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .   6)☐ Other: .

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed
> in the United States before the invention by the applicant for patent or (2) a patent granted on an application for
> patent by another filed in the United States before the invention by the applicant for patent, except that an
> international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this
> subsection of an application filed in the United States only if the international application designated the United
> States and was published under Article 21(2) of such treaty in the English language.

2.   Claims 6- 15 are rejected under 35 U.S.C. 102(e) as being anticipated by Reilly (US

Patent No. 6,502,147 B2).

As to claim 6, Reilly teaches a data processing apparatus (i.e., a printer 410 in fig. 6)

comprising:

Connection means (i.e., protocol/ ports 10, 20, 30 in fig. 2) for connecting to an external

device (i.e., i.e., host computers 410 in fig. 6 and col. 5, lines 10-14).

Input means (i.e., protocol/ ports 10, 20, 30 in fig. 2) for inputting (i) an instruction (col.

9, lines 30-31: the print request is received for executing the print job because the print job

includes the parameters for executing the print job) to execute a job and (ii) an instruction

regarding whether the external device is or is not to be informed of a result of a processing of

the job (i.e., enumerate queue command is received by the printer from a requesting host

computer for resulting of the print job, col. 4, lines 49-51);

Processing means for processing the job based on the instruction input by the input means

(the print job is received via the ports and processed the job based on the parameters "col. 9,

lines 30-31" and the resulting information of the print jobs is stored in the print queue 82 "col. 9,

lines 23-25, 36-43"; it is note that the printer inherently comprises a component corresponding to

processing means for processing the print job);

informing means for informing the external device (i.e., host computers) of the result of

the job processing executed by the processing means through connection means when the

external device is to be informed of the result of the job processing (col. 4, lines 49-58 describes

that the printer informs the result of the job processing to the host computer because the host

computer receives the informing information related to the its request including the status of all

of the print jobs. It is note that the printer inherently comprises a component corresponding to

informing means for informing the information to the requesting host computer).

As to claim 7, Reilly teaches a step of storing the result of the job in correspondence with

a job type ; wherein the informing step informs the external device the result of the job stored in

the storing step (col. 4, lines 52-58 shows the print queue 82 for storing the result of the job in

correspondence with the job type such as the job in scheduling for printing, the job being

completed, the estimated time print job. And these stored jobs are provided to the host computer.

In the other word, the job type may be included when the printer receives the different jobs via

the different protocols in the network "10 to 30 in fig. 2" and "col. 5, line 6 to col. 6, line 25").

As to claim 8, Reilly teaches storage means stores the result of the job together with time

information (col. 4, lines 55-57).

As to claim 9, Reilly teaches the storage means selectively stores the result of the job

according to the job type (col. 4, lines 52-58: a job type ,which is stored in the print queue,

includes the scheduled job, the completed job, the printing job, or the printed job. In the other

word, the job type may be included when the printer receives the different jobs via the different

protocols in the network "10 to 30 in fig. 2" and "col. 5, line 6 to col. 6, line 25").

As to claim 10, Reilly teaches the informing means informs the result of the job in

response to an instruction provided from the external device connected to the connection means

(col. 4, lines 49-58).

As to claim 11, Reilly teaches the connection means is connected to a network for

connecting a plurality of terminals (col. 3, lines 47-45), and the informing means informs the

result of the job to one of the terminals connected to the network (col. 4, lines 49-54: the printer

informing the result of the job when each of computer send the status request).

As to claim 12, Reilly teaches the informing means informs the result of the job in

correspondence with a user inquiry made at the one of the terminal (col. 4, lines 49-54: the

printer informing the result of the job when each of computer send the status request).

As to claims 13 and 15, Reilly teaches a control method of a data processing apparatus

(i.e., a printer 410 in fig. 6) executing a job, comprising the steps of:

discriminating a result of a job executed by the data processing apparatus (col. 9, lines

36-43);

determining if an external device should be informed of the result based on an input

regarding whether the external device is or is not to be informed of a result of a processing of the

job (col. 9, lines 43-45 and col. 4, lines 49-53: the printer receiving the status print job request

from the host computer via the print job request call or an enumerated queue command); and

informing an external device connected to the data processing apparatus of the

discriminated result to the job if the determining step determines that the external device is to be

informed of the result of the job (col. 9, lines 38-45 and col. 4, lines 52-58: the host computer is

informed with the information of the result of the job when the printer receives the request

command).

As to claim 14, Reilly teaches a step of storing the result of the job in correspondence

with a job type ; wherein the informing step informs the external device the result of the job

stored in the storing step (col. 4, lines 52-58 shows the print queue 82 for storing the result of the

job in correspondence with the job type such as the job in scheduling for printing, the job being

completed, the estimated time print job. And these stored jobs are provided to the host

computer).

Allowable Subject Matter

3.   Claims 1-5 are allowed.

Claim 1 is independent claims.

The following is an examiner's statement of reasons for allowance:

As to claim 1, the combination of the closest prior arts of Ohnishi et al. (US Patent No.

5,655,152) and Dash et al. (US Patent No. 6,069,624) would not teach an apparatus for

processing data transfer jobs in which a first memory that transfers the data for each of the

plurality of jobs to an output device and inputs a selection of whether or not history information

for at least one of the plurality of jobs is to be stored; a controller that, when a transfer of data

from the first memory has ended for a given job, stored history information for the given job in

the second memory in accordance with the input selection of whether or not history information

for at least one of the plurality of jobs is to be stored and retrieves the history information from

the second memory stored in accordance with the input selection and if the history information

was stored.

Response to Arguments and Amendment

Applicant's arguments filed 7/8/03 have been fully considered but they are not

persuasive.

Applicant asserted in page 9 " Absent from Reilly is any teaching or suggestion of

inputting an instruction not to inform the external device of result of a job processing". In reply,

Reilly teaches that "an enumerate queue command *may also be transmitted* from a requesting

host computer to obtain an ordered list of the jobs in the print queue 82 "in col. 4, line 49-52",

meaning that the host computer can not obtain the list of the jobs if the enumerate queue

command is not generated from the host computer. Reilly further teaches that a message can be

initiated by either a host computer or the network printer "col. 4, lines15-17"; and col. 9, lines

30-33 describes that the parameters of the print job request call *may* include information about

the print job and information for enabling the printer to notify the host computer when the job

data can be accepted".

For the above reasons, it is believed that the cited prior art fully discloses the claimed

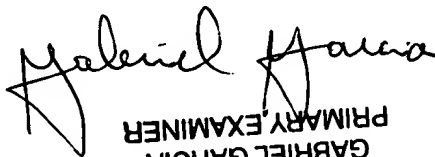invention and the rejection stand.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing

date of this final action.

Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Douglas Q. Tran whose telephone number is (703) 305-4857 or
E-mail address is douglas.tran@uspto.gov.
Any inquiry of a general nature or relating to the status of this application or proceeding
should be directed to the Group receptionist whose telephone number is (703) 305-4700.

Douglas Q. Tran
Sep. 21,   2003

PRIMARY EXAMINER
GABRIEL GARCIA